

WHAT IS CLAIMED IS:

1. An animal litter in the form of discrete plural particles, said particles comprising admixture a grain germ particle that is spent of oil and a seed meal, said particles tending to agglomerate when wetted and said litter substantially reducing odors of animal urine.

2. The animal litter of claim 1, wherein said seed meal is selected from the group consisting of linseed meal, soy bean meal, sunflower meal, cotton seed meal, and combinations thereof.

3. The animal litter of claim 1, wherein said grain germ is corn germ.

4. The animal litter of claim 1, wherein said seed meal is present in said grain-based substrate in an amount of at least about 30% by weight of said litter.

5. The animal litter of claim 1, wherein said grain-based substrate is present in said litter in an amount of at least about 25% by weight of said litter.

6. The animal litter of claim 1, wherein said grain-based substrate is substantially free of odor components.

7. The animal litter of claim 1, wherein said particles are in the form of compacted granules, each of said granules further comprising a cohesiveness agent in at least an amount effective to enhance the cohesiveness of said granules.

8. The animal litter of claim 7, wherein said compacted granules are in the form of crumbled pelletized particles.

5 9. The animal litter of claim 7, wherein said cohesiveness agent is present in an amount of from about 3% to about 35% by weight of said litter.

10 10. The animal litter of claim 7, wherein said cohesiveness agent comprises a polysaccharide.

11. The animal litter of claim 10, wherein said polysaccharide includes starch.

15 12. The animal litter of claim 11, wherein said starch is non-gelatinized starch.

20 13. The animal litter of claim 12, wherein said starch is corn starch.

14. The animal litter of claim 10, said cohesiveness agent further comprising a supplemental cohesiveness agent.

25 15. The animal litter of claim 14, wherein said supplemental cohesiveness agent is present in said litter in an amount of from about 0.05% to about 10% by weight of said litter.

30 16. The animal litter of claim 14, wherein said supplemental cohesiveness agent is selected from among the halide, nitrite, carbonate, phosphate, sulfate, and bicarbonate salts of the alkali metals and alkali earth metals.

17. The animal litter of claim 16, wherein said supplemental cohesiveness agent is selected from the group consisting of sodium chloride, calcium chloride, sodium carbonate, calcium carbonate, sodium bicarbonate, and mixtures thereof.

18. The animal litter of claim 1, wherein said animal litter further comprises a mold inhibitor.

19. The animal litter of claim 18, wherein said mold inhibitor is selected from the group consisting of the propionate salts of calcium and sodium.

20. A process for preparing an animal litter, comprising the steps of: (1) providing a grain germ that is spent of oil; (2) providing a seed meal; and (3) compacting said grain germ and said seed meal to form discrete plural particles of a liquid absorbent litter to form an animal litter.

21. The process according to claim 20, wherein said compacting step comprises pelletizing said particles, said process further comprising the step of reducing pellets of animal litter formed in said pelletizing step to a granule size suitable for use as an animal litter.

22. The process of claim 20, further comprising the step of adding a mold inhibitor.

23. The process of claim 22, wherein said mold inhibitor is added prior to said compacting step.

24. A process for preparing an animal litter, comprising the steps in any appropriate order of: (1) providing a grain germ that is spent of oil and a seed

meal; (2) washing said grain-based substrate with a solvent to substantially remove odor components and flavor components therefrom; (3) washing said seed meal with a solvent to substantially remove odor components and flavor components therefrom; and (4) compacting said grain germ and said seed meal into discrete plural particles of a liquid absorbent litter.

25. The process according to claim 24, wherein said compacting step comprises pelletizing said particles, said process further comprising the step of reducing pellets formed in said pelletizing step to a granule size suitable for use as an animal litter.

26. A method for removal of animal waste, comprising: (1) providing a container containing an animal litter, said animal litter being in the form of discrete plural particles comprising a seed meal, said particles tending to agglomerate when wetted; (2) allowing an animal to excrete waste into said container, whereby moisture from said waste causes agglomeration of said animal litter into at least one clump; and (3) removing said clump of litter from said container thereby leaving substantially unspoiled animal litter in said container.

27. The method according to claim 26, wherein said animal excretes solid waste into said container, said method including the step of removing said solid waste.

28. The method of claim 26, wherein said litter includes a grain germ.

29. The method of claim 28, wherein said litter includes a cohesiveness agent.

30. The method of claim 26, wherein said container is a poultry cage.

5 31. An animal litter in the form of discrete plural granules, each of said granules comprising at least about 30% by weight of a seed meal that is spent of oil, and further comprising a cohesiveness agent in an amount effective to enhance the cohesiveness of said granules,
10 said granules tending to agglomerate when wetted.